

**SYSTEMS AND METHODS FOR VALIDATION, COMPLETION AND
CONSTRUCTION OF EVENT RELATIONSHIP NETWORKS**

Abstract of the Disclosure

Techniques for data-driven validation, completion and construction of event relationship networks (ERNs) are provided. Event relationship networks are widely used in event management system design. To date, ERNs are constructed purely based on human expertise and there is no automatic or event semi-automatic method that validates or completes ERNs. The present invention provides techniques for automatically validating and completing existing ERNs and/or constructing new ERNs, based on collected event data.

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